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## **Patent Claims**

1. Compounds of the formula l

in which

X is H, -C(=NR $^3$ )-NHR $^4$  or Het,

$$-(CH2)m -(CH2)m (R5)p or (R5)p$$

y is -(CH2)m-,

Z is NH or  $CH_2$ ,

 $R^1$ 

and R<sup>5</sup> are each, independently of one another, H, A, OH, OA, arylalkyl, Hal, -CO-A, CN, NO<sub>2</sub>, NHR<sup>3</sup>, COOA, COOH, SO<sub>2</sub>A, CF<sub>3</sub> or OCF<sub>3</sub>,

R<sup>2</sup> is in each case, independently of the others, H or A,

 $$\rm R^3$$  and  $\rm R^4$  are each, independently of one another, H, A, -CO-A, NO $_2$  or CN,

A is alkyl having 1-6 carbon atoms,

m is 0, 1, 2, 3, 4, 5 or 6,

n and p are, independently of one another, 1, 2 or 3,

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and physiologically acceptable derivatives thereof, in particular salts and solvates thereof.

- Compounds of the formula I according to Claim 1, in which A is methyl, furthermore ethyl, isopropyl, n-propyl, n-butyl, isobutyl, secbutyl or tert-butyl.
- 3. Compounds of the formula I according to one or more of Claims 1 and 2, in which Het is 4-methylpyridin-2-yl, pyridin-2-yl, pyriminin-2-yl, imidazol-2-yl, benzimidazol-2-yl and hydrogenated derivatives thereof.
- 4. Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that R<sup>1</sup> and R<sup>5</sup>, independently of one another, are preferably H, A, CN, NO<sub>2</sub>, Hal or –COA-.
- 5. Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that R<sup>2</sup> is preferably H or A.
- 6. Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that R³ and R⁴, independently of one another, are preferably H or –COA-.
- 7. Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that X is H, -C(=NH)-NH<sub>2</sub>, -C(=N-methyl)-NH<sub>2</sub>, 4-methylpyridin-2-yl, pyridin-2-yl, pyrimidin-2-yl, imidazol-2-yl, benz-imidazol-2-yl and hydrogenated derivatives thereof.
  - 8. Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that Y is -(CH<sub>2</sub>)<sub>m</sub>- or



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- Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that n and p, independently of one another, are 1 or 2.
- 10. Compounds of the formula I according to one or more of Claims 1 to 3, characterised in that m is 0, 2 or 4.
  - 11. Compounds of the formulae I1 to I36:

OH OH OH OCH3

OH OH O

OH OH CH<sub>3</sub>

CH<sub>3</sub>

. 

N N N N N

CH<sub>3</sub>

$$\begin{array}{c|c}
N & N & N \\
N & N & N
\end{array}$$

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OH OH OH OCH<sub>3</sub>

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OH OH N

127

128

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15 OH

129 4

0/

20 25

130 -

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NH OH

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NH N N O

OH N

25 0

30 H<sub>2</sub>N N O

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12. Process for the preparation of compounds of the formula I according to one or more of Claims 1 to 11 and salts thereof, characterised in that

a) a compound of the formula II

in which Z, R<sup>1</sup> and n are as defined above, and W is a conventional protecting group or a solid phase used in peptide chemistry,

is reacted with a compound of the formula III

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in which Y is as defined above, and Q is a suitable protecting group or Het, in the presence of a condensing agent, such as, for example, HATU.

and the protecting groups and/or the solid phase are subsequently removed,

and, where appropriate, the resultant product is, if Q as protecting group is removed, reacted with a suitable guanyl compound, such as, for example, N,N'-bis-BOC-1-guanylpyrazole, and, if desired, the remaining protecting groups and/or the solid phase are removed,

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b) a compound of the formula I is liberated from one of its functional derivatives by treatment with a solvolysing or hydrogenolysing agent,

and/or in that a basic or acidic compound of the formula I is converted into one of its salts by treatment with an acid or base.

- 13. Compounds of the formula I according to one or more of Claims 1 to 11 and physiologically acceptable salts or solvates thereof as therapeutic active ingredients.
- 14. Compounds of the formula I according to one or more of Claims 1 to
  11 and physiologically acceptable salts or solvates thereof as integrin
  inhibitors.
  - 15. Compounds of the formula I according to one or more of Claims 1 to 11 and physiologically acceptable salts or solvates thereof for use in combating diseases.
  - 16. Pharmaceutical preparation characterised by a content of at least one compound of the formula I according to one or more of Claims 1 to 11 and/or one of its physiologically acceptable salts or solvates.

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- 17. Use of compounds of the formula I according to one or more of Claims 1 to 11 and/or physiologically acceptable salts or solvates thereof for the preparation of a pharmaceutical preparation.
- 18. Use of compounds of the formula I according to one or more of Claims 1 to 11 and/or physiologically acceptable salts or solvates thereof for the preparation of a pharmaceutical preparation for combating thromboses, cardiac infarction, coronary heart diseases, arteriosclerosis, inflammation, tumours, osteoporosis, infections and restenosis after angioplasty.
- 19. Use of compounds of the formula I according to one or more of Claims 1 to 11 and/or physiologically acceptable salts or solvates thereof in pathological processes which are maintained or propagated by angiogenesis.